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Applicant: McCluskey, et al.

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Group Art Unit: 1625

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Date: March 11, 2002

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U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR					
	BR					
	CR					
	DR					
	ER					
	FR					
	GR					
	HR					
	IR					
	JR					
	KR					
	LR					
	MR					
	NR					

FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor Name		English Abstract		Translation Readily Availabl	
							Enclosed	No	Enclose	No
	QR	0538688A1	10/1992	EP	Kunisch, F.	C07D 307/24		X		
	PR	0538691A1	10/1992	EP	Mittendorf, J.	C07D 333/38		X		
	QR	WO 95/07022	03/1995	PCT	Crowley, P.	A01N 3744				
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	YR	Achiwa, K., et al., A New Trimethylsilyl Triflate-Catalyzed 1,2-Dipolar Cycloaddition Leading to Pyrrolidines, <i>Tetrahedron Letters</i> , 23:25, pp. 2589-2592 (1982)								
	ZR	Achiwa, K. et al., Trimethylsilyl Triflate-Catalyzed 1,3-Dipolar Cycloaddition Leading to N-Unsubstituted Pyrrolidines, <i>Chem. Pharm. Bull.</i> , 33(5) 1975-1981 (1985)								
	AAR	Aono, M., et al., Generation of Thiocarbonyl Ylides with Release of Disiloxane from Bis(trimethylsilylmethyl) Sulfoxides1), Shizuoka College of Pharmacy, 2-2-1 Oshika, Shizuoka 422 Japan, pp. 4039-4042 (June 14, 1986)								

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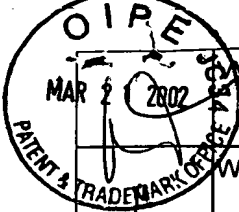
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BBR	Aono, M., et al., New Method for Generation of Thiocarbonyl Ylides from Bis(trimethylsilylmethyl) Sulfoxides and their Application, <i>Heterocycles</i> , 40(1):249-260 (1995)			
GBR	Aono, M., et al., A New Synthetic Route for 3,4-Disubstituted Tetrahydrothiopenes and a New Fragmentation of Their Ring System ¹ , <i>Heterocycles</i> , 24(2):313-315 (1986)			
DDR	Buter, J., et al., Thiocarbonyl Ylides. Generation, Properties, and Reactions ¹ , <i>J. Org. Chem.</i> , 37(25):4045-4060 (1972)			
EER	Clawson, P., et al., The Photochemistry of 2,3-Bis(<i>p</i> -methoxyphenyl)oxirane: Trapping of a C-C Cleaved Intermediate in an Electron-transfer Sensitised Process, <i>J. Chem. Soc. Commun.</i> , pp. 134-35 (1984)			
FFR	Clawson, P., et al., Synthetic Studies on O-Heterocycles via Cycloadditions. Part 1. Photochemical (Electron Transfer Sensitised) C-C Cleavage of Diaryloxiranes, <i>J. Chem. Soc. Perkin Trans. 1</i> :153-157 (1990)			
GGR	Grigg, R., et al., The Decarboxylative Route to Azomethine Ylides. Mechanism of 1,3-Dipole Formation, <i>J. Chem. Soc., Chem. Commun.</i> , pp. 49-51 (1987)			
HHR	Grigg, R., et al., The Decarboxylative Route to Azomethine Ylides. Stereochemistry of 1,3-Dipole Formation, <i>J. Chem. Soc., Chem. Commun.</i> , pp. 47-49 (1987)			
IIR	Grigg, R., et al., Decarboxylative Transamination. Mechanism and Applications to the Synthesis of Heterocyclic Compounds, <i>J. Chem. Soc., Chem. Commun.</i> , pp. 180-181 (1984)			
JJR	Grigg, R., et al., X=Y-ZH Systems as Potential 1,3-Dipoles, Part 11. ¹ Stereochemistry of 1,3-Dipoles Generated by the Decarboxylative Route to Azomethine Ylides, <i>J. Chem. Soc. Perkin Trans. 1</i> :2693-2701 (1988)			
KKR	Grigg, R., et al., X=Y-ZH Systems as Potential 1,3-Dipoles, Part 12. ¹ Mechanism of Formation of Azomethine Ylides via the Decarboxylative Route from α -Amino Acids, <i>J. Chem. Soc. Perkin Trans. 1</i> :2703-2713 (1988)			
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MMR	Jonsson, E., et al., Isomeric Sulfoxides from Thiolate-3,4-Dicarboxylic Acid. Synthesis and Assignments of Configuration by Means of NMR, Acidity Constants and by Reduction Rates in Acidic Iodide Solution, <i>Arkiv För Kemi</i> , Band 29 nr 24, pp. 301-310 (1968)			
NNR	Joucla, M., et al., Parent and N-Substituted Azomethine Ylides from α -Amino Acids and Formaldehyde. An Easy Access to 2,5-Unsubstituted Pyrrolidines. Evidence for Oxazolidin-5-Ones as Direct Precursor of These Reactive Intermediates, <i>Bulletin de la Société Chimique de France</i> , No. 3, pp. 579-583 (1988)			
OOR	Lee, Photochemistry of <i>cis</i> - and <i>trans</i> -Stilbene Oxides, <i>J. Org. Chem.</i> , 41(15):2656-2658 (1976)			
PPR	Ohnmacht, C., et al., Synthesis and Carbon-13 NMR Study of 2-Benzyl, 2-Methyl, 2-Aryloctahydropyrrolo[3,4- <i>c</i>]pyrroles and the 1,2,3,5-Tetrahydropyrrolo[3,4- <i>c</i>]pyrrole Ring System, 1,2,3,5-Tetrahydropyrrolo[3,4- <i>c</i>]pyrrole, Vol. 20, pp. 321-329, Mar-Apr 1983			
QQR	Pearson, W., et al., Formation and Cycloaddition of Nonstabilized <i>N</i> -unsubstituted Azomethine Ylides from (2-Azaallyl)Stannanes and (2-Azaallyl)Silanes, <i>Tetrahedron Letters</i> 40:4467-4471 (1999)			
RRR	Takaya, T., et al., Novel Reactions of Iodosobenzene with Various Organic Compounds, <i>Short Communications</i> , 11(4):1032 (1968)			
SSR	Takaya, T., et al., The Preparation of <i>cis</i> -3, 4-Ureylene thiophene ¹ , <i>Bulletin of the Chemical Society of Japan</i> , 40:2636-2640 (1987)			
TTR	Terao, Y., et al., Thiocarbonyl Ylides. VI. ¹⁾ New Generation of Thiocarbonyl Ylides from Organosilicon Compounds Containing Sulfur and Their 1,3-Cycloadditions, <i>Chem. Pharm. Bull.</i> , 35(5):1734-1740 (1987)			
UUR	Tsuge, O., et al., Cycloadditions of <i>N</i> -Benzylideneaminoacetonitril as a Synthetic Equivalent of Methanenitrile Benzylide, <i>Chemistry Letters</i> , pp. 1601-1604 (1985)			

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SVR	Tsuge, O., et al., Stereoselectivity of Cycloaddition of N-(Cyanomethyl)- and N-(α -Cyanobenzyl)imines with Olefinic Dipolarophiles. Synthetic Equivalents of Nitrile Ylide 1,3-Dipoles, <i>Bull. Chem. Soc. Jpn.</i> , 59:1809-1824 (1986)				
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XXR	Tsuge, O., et al., Water-Induced Formation of Azomethine Ylide 1,3-Dipole. Stereospecific and Regioselective Cycloaddition Reactions, <i>Chemistry Letters</i> , pp. 801-804 (1984)				
YYR	Wong, J., et al., Photo- and Thermoinduced Generation of 1,3-Diaryl Carbonyl Ylides from 2,3-Diaryloxiranes 1,3-Dipolar Cycloadditions to Dipolarophiles, <i>Tetrahedron</i> , 37(19):3345-3355 (1981)				
ZZR	Shaikhrazieva, V., et al., Photochemical Synthesis of Some 3-Sulfone=bicyclo[3.2.0]heptanes, <i>Organ. Soedin. Ser. Riga (Russia)</i> , (2), 150-6 (1980), Abstract No. 3Zh132	X (title only)			

Examiner

Date Considered:

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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